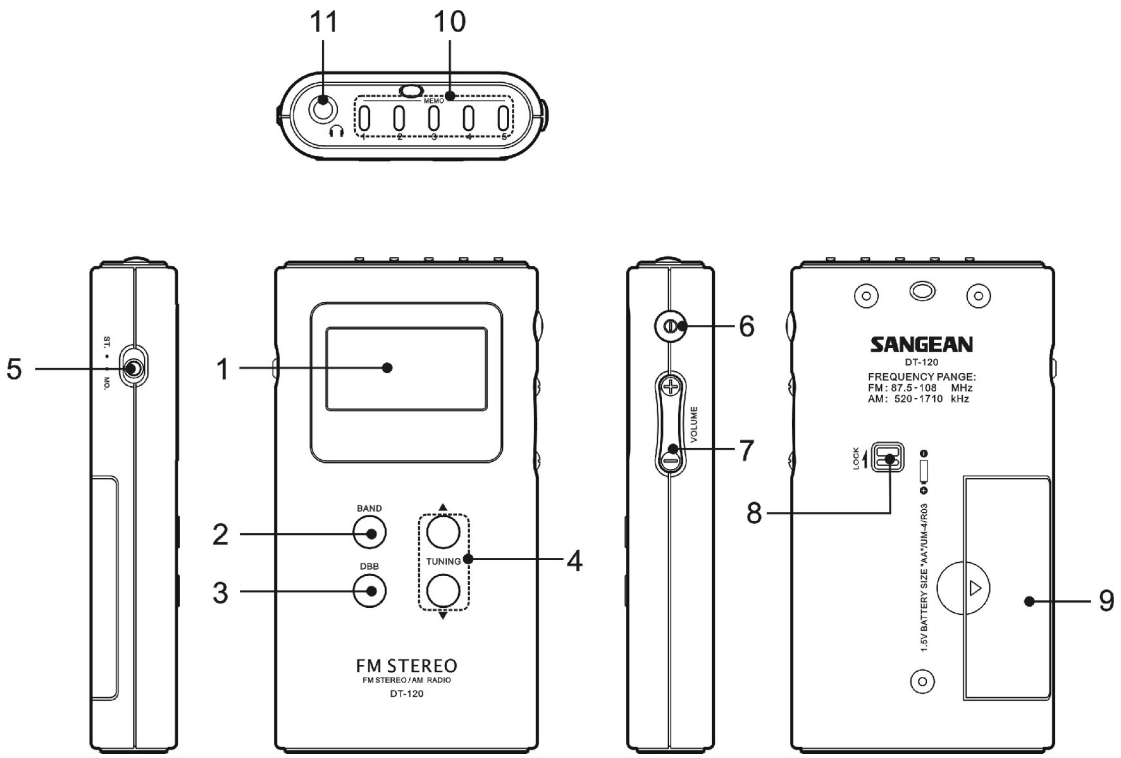
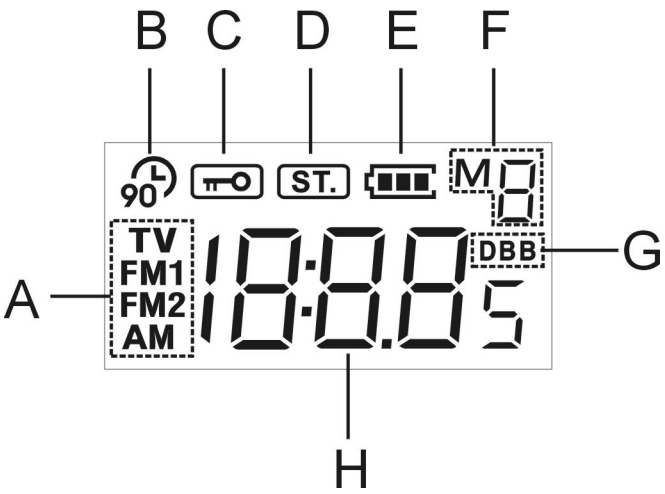
DT120/DT-180V instruction manual
FM-stereo/AM/TV (DT-180V) Digital Personal Receiver

Controls

1. LCD display
2. Band selection
3. DBB (Deep Bass Booster) On / Off
4. Tuning Control
5. Stereo/Mono switch
6. Power On/Off
7. Volume Control
8. Lock Switch
9. Battery Compartment
10. Memory button
11. Earphone Jack



Display
A. Selected Band
B. 90 minutes auto shut off
C. System lock
D. FM stereo indicator
E. Battery power indicator
F. Memory presets
G. DBB on
H. Frequency



Battery Installation
Battery cover is located on the back of the unit . Slide the cover in the direction of the arrow to gain access to the battery compartment . Insert one AAA (UM-4) battery into the compartment . Make sure that the battery is positioned in accordance with the indicated diagram . Replace cover .
Note :
1. You can always monitor the battery power from LCD display battery icon . When battery power becomes very low and unable to operate the radio , low battery indicator will flash together with an “ E “ appears on the LCD display . The radio will be shut off .

2. Make sure to replace the battery within 3 minutes . This will prevent any memory presets from being lost during the battery replacement .

Antenna/Earphone
Insert the earphone into the earphone jack . The cord connecting the

earphone to the receiver acts as an antenna during FM and TV (DT-180V) audio reception and should be extended as much as possible to increase the sensitivity .

A built-in ferrite bar antenna is provided for AM reception and it is only necessary to rotate the radio for maximum signal strength during AM listening .

Important Note :
The radio will be auto shut off within 10 seconds when you unplug the earphone from earphone jack for battery power saving .

Volume Control
Using the volume control knobs to adjust volume level . Display will show the changes when you operate the volume control .

Tuning the radio

Band	Frequency	Antenna
AM	DT-120 522-1629 kHz (9 kHz)	Internal/Rotate radio for best reception
	DT-120 520-1710 kHz (10 kHz)	
	DT-180V 522-1629 kHz (9 kHz)	
	DT-180V 520-1710 kHz (10 kHz)	
FM	87.50 – 108 MHz	External/Make sure the earphone in plugged into earphone jack
TV	TV channels 2-13 (DT-180V)	External/Make sure the earphone is plugged into earphone jack

90 Minutes auto shut off device
For saving battery power , this radio is designed to auto shut off after 90 minutes operation , LCD display shows .
For continuous listening if necessary , pressing Power On/Off button for more than 2 seconds until LCD display disappears .

Scan Tuning

Turn on the radio , select required band by pressing Band Selection button . Press and hold down the Tuning Control buttons for more than half a second and release the button to commence Scan Tuning . The radio will scan and stop automatically when a station is found .

Manual tuning

Turn on the radio, select required band by pressing Band Selection button . Desired station may be selected by pressing the Tuning Control buttons intermittently until the desired station is reached . Or pressing and holding the Tuning Control until the desired station is reached .

Memory Tuning (Station Preset)

Turn on the radio by pressing Power On/Off button . Select required band by pressing Band Selection button . Tune to the desired station using the Scan or Manual tuning described above . When the desired station is reached , press and hold Memory button for more than 2 seconds until display M x stop flashing followed with a beep (via earphone) . It will replace previous memory station .

You may store 5 memory stations each band (AM , FMI , FMII and TV) .

Recall memory stations

Turn on the radio , select required band then simply press and release Memory station button . LCD display will show Memory preset and radio frequency .

Stereo/Mono switch

The radio is designed to receive FM stereo broadcastings . For weak FM station , switch Stereo/Mono to Mono position . LCD display Stereo icon will disappear .

Change AM band tuning step

For Northern American countries and some South American countries , AM tuning step is 10 kHz . On other countries is 9 kHz .

To change AM band tuning step , please follow below steps .

1. Change the AM band tuning step from 9 kHz to 10 kHz
   When radio is OFF , press and hold Tuning UP button then switch on radio by pressing Power On/Off button until LCD display flashes 10 and then 520 , indicating AM step has been changed to 10 kHz tuning step .

2. Change the AM band tuning step from 10 kHz to 9 kHz
   When radio is OFF , press and hold Tuning DOWN button then switch on radio by pressing Power On/Off until LCD display flashes 9 and then 522 , indicating AM step has been changed to 9 kHz tuning step .

Note : To change AM step will erase all the AM Memory preset stations .

System Lock

To prevent accidental changing of any of the radio settings . Switch the Lock switch to Lock position . LCD display lock icon will appear . To release , simply switch the Lock switch to its opposite position , LCD display lock icon will disappear .

It's important to make sure Lock switch is in its off position when radio is to be operated , as radio is completely inoperative until Lock Switch is released .

Specifications :

Battery : 1 x AAA (LR03 , UM-4)

Frequency Coverage :

FM : 87.50 – 108 MHz

AM : 522 – 1629 kHz (DT-120 9 kHz)
520 – 1710 kHz (DT-120 10 kHz)
522 – 1629 kHz (DT-180V 9 kHz)
520 – 1710 kHz (DT- 180V 10 kHz)

TV – 2-13 channel (DT-180V)

Output Power : 1.0 mW + 1.0 mW

Earphone Jack : 3.5 mm diameter (stereo)

The company reserves the right to amend the specifications without notice .